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Mar 27, 1991

DERWENT-ACC-NO: 1991-088887

DERWENT-WEEK: 199113

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TITLE: Use of l-glutamic acid or its sodium salt and gum arabic - for synergistic anti-complement treatment

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PATENT-ASSIGNEE: CHEVANCE L G (CHEVI)

PRIORITY-DATA: 1989FR-0011378 (August 30, 1989)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
EP 419308 A	March 27, 1991		000	
AU 9063498 A	April 8, 1991		000	
FR 2651127 A	March 1, 1991		000	
WO 9103238 A	March 21, 1991		000	

DESIGNATED-STATES: GR AU BB BG BR CA FI HU JP KP KR LK MC MG MW NO RO SD SU US AT BE CH DE DK ES FR GB IT LU NL OA SE

CITED-DOCUMENTS: NoSR.Pub; 3.Jnl.Ref ; JP 48043419

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
EP 419308A	August 29, 1990	1990EP-0402383	

INT-CL (IPC): A61K 31/19

ABSTRACTED-PUB-NO: EP 419308A

BASIC-ABSTRACT:

The use of L-glutamic acid, sodium-L-glutamate (preferably monosodium glutamate), gum arabic and their mixtures in medicaments is claimed for the complement inhibition.

USE/ADVANTAGE - Gum arabic and monosodium-L-glutamate show synergistic activity in therapeutic compositions.

In an example, after withdrawal of complement, blood serum samples (aliquots of 40 micro-l) were incubated at 37 deg.C and then mixed with 40 ml respectively of L-glutamic acid, sodium-L-glutamate, gum arabic and a mixture of gum arabic and sodium-L-glutamate. There was no spontaneous haemolytic action. However, after a while, evidence of the synergistic activity of gum arabic with sodium-L-glutamate was observed, with increased complement inhibition.

ABSTRACTED-PUB-NO: EP 419308A

EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.0/1